



## Kentucky Council of Teachers of Mathematics

**February 2007**

*News Editor: Kari S. Ostby*

### Message from the President

Welcome to the first KCTM Newsletter of 2007! As most of you know, we have had an election since the last newsletter, and we have some new folks serving on the KCTM Executive Board. Before I introduce the newcomers, let me say a huge KCTM THANK YOU to those who are leaving positions on the Board.

\*Margaret Taylor has served as the chair of MESA Awards since...no one remembers the date! She has been doing it forever it seems! She is passing that job to Ann Booth. Margaret has served behind the scenes in this organization for so many years and we are indebted to her for her service. Even though she will no longer be chairing the MESA Awards she is still busy working on next year's conference. She is a dedicated professional and we appreciate her service.

\*Amy Herman has served as the Newsletter Editor since 1992! Like Margaret, Amy has served in many behind-the-scenes jobs in KCTM. She will continue to serve on the board as the GLCTM affiliate representative. She also makes meeting arrangements (location and refreshments) for each Executive Board meeting and we are grateful for her service and contributions.

\*Lori Durham has faithfully served KCTM the last six years as president-elect, president, and past-president. She is responsible for many of the changes and advancements we have made as an organization during that time. KCTM has thrived under her leadership. We truly appreciate everything she has done for KCTM.

We welcome and congratulate our newest Board members:

- \*Beth Noblitt – President-Elect/NCTM Representative
- \*Susan Collins – Secretary
- \*Bryson Perry – High School Vice President
- \*Gloria Beswick – Middle School Vice President
- \*Kari Ostby – Newsletter Editor

We also want to extend our sincere thanks to Gina Foletta who has served as President of KCTM for the past two years. We appreciate her service and dedication to KCTM. As I begin my tenure as President, I will look to Gina in her role as Past-President for guidance and wisdom.

We will be having elections again in the fall so begin thinking now about potential candidates for the following KCTM Board positions: treasurer, College Vice President, and Elementary Vice President. We need dedicated volunteers to join us as we work to promote mathematics teaching and learning in Kentucky! Please contact any officer listed on our website to let him/her know you are interested in serving on the Board.

We are already busy planning our 2007 conference! We are thrilled to announce that we will have a KCTM and T<sup>3</sup> Regional Conference on October 19-20, 2007. This will be the first time Kentucky has hosted a T<sup>3</sup> Regional Conference. This is a wonderful opportunity for Kentucky mathematics and science teachers to learn about all the exciting technology that can be used to make our teaching come alive for students! Mark these dates on your calendar and join us at Henry Clay High School in Lexington. For more details check our website.

**Respectfully yours,**  
**Maggie McGatha**  
**KCTM President**  
[maggie.mcgatha@louisville.edu](mailto:maggie.mcgatha@louisville.edu)



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## **2007 KCTM Annual Conference and T<sup>3</sup> Regional Conference**

Bigger and better....

The 2007 KCTM Annual Conference and T<sup>3</sup> Regional Conference will be held October 19-20, 2007 at Henry Clay High School in Lexington, Kentucky. This year's conference will be bigger and better than ever. The conference will be co-sponsored by T<sup>3</sup>, Teachers Teaching with Technology<sup>TM</sup>. This will be the first T<sup>3</sup> Regional Conference in Kentucky and KCTM is thrilled to be a part of it. We are honored to have the featured speaker, Melendy Lovett, President of Texas Instruments Educational & Productivity Solutions. You can find more information about the conference at <http://www.staff.fcps.net/bperry/t3conf2007/>. The deadline to register for the conference is September 30, 2007. Registration by September 15, 2007 gets you the Early-Bird registration rate.

### **Share your expertise...**

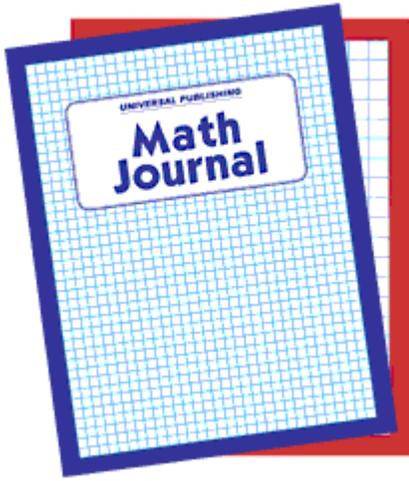
KCTM invites you to share your expertise with your colleagues from across the state by offering a session. Do you have a mathematics lesson or unit that has worked well in the classroom? Do you have a fun math activity that you want others to know about? Do you have classroom practices that have influenced your mathematics students in a positive way? Share these things with your colleagues at the conference by offering a session. There are 55- and 85-minute sessions where you can communicate to other mathematics teachers things that have worked for you and your students. While presentations involving technology are strongly encouraged, we welcome proposals for all types of presentations. You can find speaker proposal forms at [www.staff.fcps.net/bperry/t3conf2007/](http://www.staff.fcps.net/bperry/t3conf2007/). The deadline to submit a speaker proposal is August 15, 2007.

**Submitted by:**

**Beth Noblitt**

**President-Elect/NCTM Rep.**

[Noblittb@nku.edu](mailto:Noblittb@nku.edu)



## Math Journal

I hope the New Year has brought with it the desire to try many new things in the classroom. I want to share something I have used with my students that I believe really makes my students better mathematicians. We all know how important communication is in the math classroom. Teaching students how to do this effectively is not always easy. Many teachers even neglect this process standard except for when they ask their students to complete the occasional open response question.

If you are not currently using a Math Journal in your classroom, regardless of the level you teach, I would like to encourage you to try it. Math journals are used in many different ways. I use mine for homework. Students are given a problem solving question that they are asked to respond to in the journal. There is a place where they write the problem, make an estimate, show their work, list math terminology and justify their solutions with explanation. There is also a place where they are asked to apply this skill to a new situation. I used to use a regular 70 count spiral notebook for this, but have found something better that I have used for about 4 years now. I am providing a link to the website for you to view. They only cost about \$2.00, per student which is much cheaper than copying.

They are also very durable. You can purchase one that meets your grade level as well.

[http://www.upub.net/products/math\\_journals.htm](http://www.upub.net/products/math_journals.htm)

The one I use is the Math Reasoning Journal, which you can view at

[http://www.upub.net/products/math\\_reasoning\\_journal.htm](http://www.upub.net/products/math_reasoning_journal.htm). Math journals are a very effective way of getting your kids to write in the math class and help students translate this skill into open response type questions as well.

**Submitted by:**

**Leslie Robertson**

**Elementary Vice President**

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## Circling Up on PI Day, Wednesday, March 14

Pi Day is just around the corner. Circling Up is a lesson that I have used with middle school students to teach the meaning of pi as the ratio of the circumference of a circle to its diameter from a linear function standpoint. This lesson was adapted from *Algebra I Experiments - Exploring Linear Functions* by Mary Jean Winter and Ronald J. Carlson. Without the use of a graphing calculator, the slope of the line of best should be around 3. With the addition of a graphing calculator, the benefit of accurate measurements, and enough data, the slope of the regression line should be very close to pi.

Q  
Z  
H  
T  
C  
R  
H  
C

In this experiment you will be collecting data about measurements of circular objects. You will record the data in a chart and then draw a scatter plot of your results. Then you will use the patterns you discovered to make predictions about other circles.

### EQUIPMENT

Bag of circular objects of various sizes (I've collected an assortment of buttons and pins, poker chips, paper plates, plastic coffee lids, hoops, etc. Various sized circles could be drawn on paper.)

Small candies (M&Ms, Skittles, or similar candies) or cereal (such as Cheerios)

### COLLECTING THE DATA



**STI**

1. With a period highlighted click on **Student Class Roster**.
2. Press the **Print Icon** in the bottom right. (**Warning:** You may need to press Window and Tile in order to see the Print Icon.)
3. A **Roster Setup** window will pop up. Set up the following:
  - a. **ID to Print:** None
  - b. **Report Type:** Names Only
4. Press the **Print** button.
5. The **Preview: Roster** window will pop up.
6. Press the **Globe Icon**
7. Press **Export to RTF**
8. An **Export Report** screen will pop up. Change the name from Roster.rtf to Period1 or some other identifying name. Press the icon. Select **Open Viewer After Export** if not already selected. This will open word for you later.
9. A Choose an Export Path window will pop up. You should choose your **C:\ Drive**. Put your file in the folder that you want within your C:\ Drive.
10. Press **OK** for **Choose an Export Path**. Now press **OK** for **Export Report**.
11. If you selected **Open Viewer After Export** your file will be open within Word.
12. Delete everything from the Word document except the names. You can change a student's first name to his preferred name and delete initials at this time.
  - a. Click **File**
  - b. Click **Save As**
  - c. Click **Save as type**
  - d. Scroll down to **Plain Text**
  - e. **File name:** example (you choose the file name) then press the **Save** button.
  - f. A **File Conversion** window pops up. Press **OK**.
13. Now open **Excel**.

**Excel**

1. Open the Plain Text document in Excel.
  - a. Click **File**
  - b. Click **Open** and an Open window will pop up.
  - c. Choose **All Files** in **Files of type:**
  - d. Find the Plain Text file that you saved in word. It will have a icon.
  - e. A **Text Import Wizard** window will pop up. Press **Next**
  - f. **Text Import Wizard – Step 2 of 3** window will appear. Check the **Comma** box. Press **Next**.
  - g. **Text Import Wizard – Step 3 of 3** window will appear. Click the **Do not import column (skip)** circle. Press **Finish**.
  - h. Now you will have your last names in column 1 and first names in column 2. Do a cut and paste to get the first column to be first names and the second column to be last names. (Highlight column B and right click cut. Highlight column and right click Insert Cut Cells.)
2. Now create the username in the third column. You can create these by hand or use the functions of Excel to help you create user names easily.
  - a. The formula to get the first three letters of column A, row 1 and the first three letters of column B, row 1 is **=LEFT(A1,3)&LEFT(B1,3)** . Put this value into **C1**. You can copy and paste this for all of your students in column **C**. This will give you a username with the first three letters of the student's first name and the first three letters of the student's last name. If you wanted the first **two** letters of the student's first name and the first three letters of the student's last name you would use the formula **=LEFT(A1,2)&LEFT(B1,3)**.
3. Now save the File as a CSV file.
  - g. Click **File**
  - h. Click **Save As**
  - i. Click **Save as type**
  - j. Scroll down to **CSV (comma delimited)**
  - k. **File name:** example (you choose the file name) then press the **Save** button.

- l. You will then get the following warning message. Press the **OK** button.
- m. You will then get the following information message. Press the **Yes** button.

### TI-Navigator

4. Within TI-Navigator click **File** and **Add Class**
  - n. In **Class Name** put in the name of your class you are adding.
  - o. Highlight the name of you class and press the **Import Students** button.
  - p. Find **example.csv** on your computer and press the **Open** button.
  - q. Navigator will tell you how many names were added successfully. Press the **OK** button.
  - r. Press the **Finish** button.
5. Your classes should be added.

### Submitted by:

**Bryson Perry**

**High School Vice President**

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## A Good (Perhaps Great) Start

By Alice Gabbard

Kentucky teachers, whose schools received the first round of the Mathematics Achievement Fund grants, have made “a good start” in learning how to best help struggling primary students in mathematics. “I would never teach math the same way again,” is the common refrain heard from Mathematics Intervention Teachers (MITs) who have started to understand students’ early numeracy development through the *Math Recovery* Specialist Certification process. Other MITs have implemented the SRA *Number Worlds* program and rave about the heightened confidence they see in their students. Both programs provide teachers an opportunity to give all students “a good start” through careful diagnosis and intervention comprised of enjoyable experiences and conceptual development to support skills. All 45 MITs enthusiastically recount the great gains they have seen in their students since the beginning of the school year. Documentation of the gains will be evident in the KCM longitudinal research study.

The Kentucky Center for Mathematics (KCM), having made “a good start” in its first year of operation, is supporting MITs and Coaches through training, visits, and weekly online meetings led by Regional Coordinators from state universities. And, KCM is collecting assessments from students and from teachers, collaborating with many other mathematics service organizations, and developing/posting online mathematics resources. The baseline mean grade equivalency scores from the fall 2006 Terra Nova taken by 1600 K—3 intervention students were below the 1<sup>st</sup> grade level. Intervention students and a comparison group will take *Terra Nova* again at the end of the school year to measure the achievement growth. The *Fox Adds Up* diagnostic interview is another means of tracking student progress and understanding student thinking. Teacher growth is being measured using the Learning Mathematics for Teaching (LMT) test and a Beliefs Survey, written by Beth Noblitt. Watch the KCM website (<http://kentuckymathematics.org>) for research results, instructional coaching information\*, diagnostic intervention, and other resources for mathematics education. 2007 will be a year of more “good starts” as we look forward to the establishment of 40 new MITs, more Coaches\*, and the expansion of KCM’s services for supporting the teaching and learning mathematics.

**\*Applications for the 2<sup>nd</sup> round Mathematics Coaching Grant will be accepted until April 13<sup>th</sup>, 2007. See the KCM/Coaching web page (<http://kymath.org/coaching/coaching.html>) or contact Gary Palmer, Director of Coaching at [palmerg@nku.edu](mailto:palmerg@nku.edu).**

*Alice Gabbard is the Director of Diagnostic Intervention Programs for the Kentucky Center for Mathematics (KCM). In this article, Alice shares some of the information and experiences from the first year of the Mathematics Intervention Implementation. For more information on the Kentucky Center for Mathematics, please visit online at <http://www.kentuckymathematics.org/>. You can contact Alice via email at [gabbardal@nku.edu](mailto:gabbardal@nku.edu).*

**Submitted by:**  
**Valeria Amburgey**  
**College Vice President**  
[AMBURGEY@nku.edu](mailto:AMBURGEY@nku.edu)



1/16/07

Educator,

The Kentucky Center for Mathematics (KCM), in collaboration with the Kentucky Department of Education, started a mathematics coaching program in the summer of 2006. The KCM has partnered with Math Solutions (Marilyn Burns) and Cognitive Coaching to equip coaches with the set of skills required to “coach” teachers. Many benefits are already being realized by the participating schools.

Comments from the field include:

“We are already seeing teachers changing their classroom practices – they are talking more to each other about student learning.” -- admin

“Through a reflective conversation the teacher was able to see ideas that she had never thought of before.” -- coach

“We are working more as a community.” -- coach

“Teachers meet regularly and share ideas for worthwhile tasks and assessment strategies.” --

coach

“Our coach has strengthened teachers’ questioning strategies.” --admin

An instructional coach works side-by-side with a teacher and gives the teacher a chance to discuss and examine what they are doing in their classroom. Research shows peer coaching to be a critical feature of training when considering skills and strategies accurately being transferred to the classroom (Joyce and Showers, 1998).

Your school can apply to have a teacher join the growing mathematics coaching network in Kentucky. Find out more about the KCM Coaching Program by visiting the coaching section of our website:

[http://www.kymath.org/coaching/coaching\\_app.html](http://www.kymath.org/coaching/coaching_app.html).

Applications are due March 16.

*“Teachers, working alone, with little or no feedback on their instruction, will not be able to improve significantly, no matter how much professional development they receive.”*

Tony Wagner, Theory of Change

Northern Kentucky University

504 Johns Hill Road

Highland Heights, Kentucky 41099

[www.kentuckymathematics.org](http://www.kentuckymathematics.org)

## **Teacher-to-Teacher Initiative**

The Teacher-to-Teacher Initiative of the U.S. Department of Education is pleased to announce the start of the 2007 American Stars of Teaching nomination process. The American Stars of Teaching program is designed to honor exemplary classroom teachers who are using innovative teaching strategies to improve student achievement and positively shape their school environment.

Every day America's teachers extend themselves beyond their classroom doors to meet the needs of all children in their school community. Don't miss this opportunity to honor a teacher that has made an impact on their students, as well as their school community, by investing in the lives of those they teach and sharing success with whom they work.

Nominations for the 2007 American Stars of Teaching are currently being accepted at <http://www.ed.gov/teachers/how/tools/initiative/index.html>. The nomination process will conclude on April 1st at which time a committee of teachers at the Department will review the details of each candidate and select the recipients of the 2007 American Stars of Teaching honor.

One teacher from each state and the District of Columbia will be selected as representatives of the many teachers who are making a difference in the lives of students. Officials from the U.S. Department of Education will announce the American Stars by visiting the recipients in the fall of 2007.

**Submitted by:**

**Ann Bartosh**

**KDE Representative**

[Ann.Bartosh@education.ky.gov](mailto:Ann.Bartosh@education.ky.gov)

## Opportunity Knocks, Kentucky Teachers!

**Who:** 4<sup>th</sup> or 7<sup>th</sup> grade English/LA teachers  
5<sup>th</sup> or 8<sup>th</sup> grade Math teachers

**What:** Participate in a **research study** sponsored by the US Department of Education\*

**When:** Spring 2007 through Spring 2008

**Where:** In your classroom and at a computer

**How:**

\*\*\*Be randomly assigned to an experimental or control group with other KY teachers

\*\*\*Take two online teacher surveys (*requiring 45-60 minutes each*)

\*\*\*Administer three online tests to your students (*computer lab and 1 class period required for each test*)

\*\*\*If you are assigned to the experimental group, you must take 3 online PD courses in your subject area in Spring or Summer 2007 and Fall 2007 and Spring 2008. (*These courses focus on both content knowledge and pedagogical practices, offering information and techniques that you can directly apply in your classroom! They are targeted towards subjects where students tend to struggle and are based on state and national standards.*)

\*\*\*If you are assigned to the control group, you can take free online PD courses in areas other than math and ELA.

**Why:**

\*\***Help answer the question:** Does high quality online professional development improve classroom instruction?

\*\*Receive **instant feedback** from student tests

\*\*Are **eligible for 24 hours of PD credit** for each online course you take. (Graduate credit is available at a reasonable per credit fee.)

\*\*Receive a \$300.00 **stipend** for successful completion and an additional \$50 for recruiting an additional participant

\*e-Learning Kentucky is part of e-Learning for Educators, a multi-state collaboration between eight state education agencies and associated public broadcast stations.

e-Learning for Educators is funded through a \$4.6 million US Department of Education Ready to Teach grant. Grant partners include Education Development Corporation and Boston College. Kentucky partners include KDE, KET, EPSB.

**For more information:**

Boston College Research partner site: [www.bc.edu/efe](http://www.bc.edu/efe)

e-Learning Kentucky office: [elearningkyinquiry@education.ky.gov](mailto:elearningkyinquiry@education.ky.gov)

1-866-432-0008 ext. 4540 or 4541; 1-502-564-4772 ext. 4540 or 4541

**To sign up:** [www.bc.edu/efe](http://www.bc.edu/efe). Look for the red box.

## Regional Mathematics Summit

**Upcoming Professional Development Events  
West Kentucky Instructional Improvement Cadre  
(WKIIC)**

Participants will have an opportunity to hear a nationally known motivational speaker, learn about several long term professional development opportunities that focus on improvement of mathematics instruction, and practice instructional strategies that can immediately be integrated into their instructional program.

Keynote: Kay Tolliver

PIMSER

KY Math Alliance

Concurrent sessions on instructional strategies by grade level

Concurrent sessions by KY teachers whose schools have the highest math scores on CATS (elementary, middle, and secondary)

Hands on Equations (one full day, limited to first 50)

**Monday, March 19, 2007, and Tuesday, March 20, 2007**

**Third Floor, Curris Center**

Murray State University

(MSU spring break – parking not a problem)

*REGISTRATION COST: \$150 per person*

“Hands on Equations” participants will also pay for materials

## National Council of Teachers of Mathematics News

The 2007 NCTM Annual Meeting and Exposition is to be held in Atlanta, GA, March 21-24. There will be 1,000 workshops and sessions that cover all levels and mathematical topics, research, technology and professional development. It isn't too late to register. Visit <http://www.nctm.org/meetings/atlanta/> to learn more.

Are you a NUMB3RS fan?

Each week, the show's website, <http://www.weallusematheveryday.com> has a 5-15 minute, ready-to-use activity based on the mathematics used in the upcoming episode of this most-watched primetime TV series on Friday nights. These activities are developed by NCTM and Texas Instruments. Visit [http://www.nctm.org/news/2005\\_09numb3rs.htm](http://www.nctm.org/news/2005_09numb3rs.htm) to learn more about NCTM and NUMB3RS.

What does NCTM say about...?

See NCTM's official positions and positions statements at [www.nctm.org/about/position\\_statements](http://www.nctm.org/about/position_statements). Hot topics such as teacher quality, technology, high-stakes testing, and the achievement gap are discussed.

Call for Nominations for 2007 Presidential Awards

The National Science Foundation extends to NCTM Affiliates a call for nominations for grades 7-12 teachers for the 2007 Presidential Awards for Excellence in Mathematics and Science Teaching. Visit [www.paemst.org](http://www.paemst.org) for information.

**Submitted by:**

**Beth Noblitt**

**President-Elect/NCTM Rep.**

[Noblittb@nku.edu](mailto:Noblittb@nku.edu)

## Lexington Council of Teachers of Mathematics News

Congratulations to our LCTM Secretary, Evelyn B. Christensen!! We can't even keep up with the number of books she has published!! Check out your 2007 "Nasco" catalog for her **FIVE** latest publications. My personal favorite is *Adventures with Area*. Our teachers and students really enjoy the *Math Map Puzzles* as well. There are many other NASCO books and games by Evelyn. Give one a try!

**Submitted by:**

**Natalee Mauney Feese**

**LCTM Representative**

[natalee.feese@fayette.kyschools.us](mailto:natalee.feese@fayette.kyschools.us)

## Greater Louisville Council of Teachers of Mathematics News

The next Greater Louisville Council of Teachers of Mathematics meeting is tentatively set for March 29 at the Ali Center. This will be the awards banquet. Contact Bruce Dillman ([Bruce.Dillman@jefferson.kyschools.us](mailto:Bruce.Dillman@jefferson.kyschools.us)) for more details.

**Submitted by:**

**Amy Herman**

**GLCTM Representative**

[Amy.Herman@jefferson.kyschools.us](mailto:Amy.Herman@jefferson.kyschools.us)

## Northern Kentucky Council of Teachers of Mathematics News

The Northern Kentucky Council of Teachers of Mathematics is pleased to announce that Gina Foletta has rejoined the board as Vice President.

Two spring workshops are being planned in cooperation with the Northern Kentucky University's Center for Integrative Natural Science and Mathematics (CINSAM), focusing on Algebra, Geometry, and Statistics and incorporating Geometer's Sketchpad and Tinkerplots.

The Council would like to thank Jim Austin for an excellent presentation to local teachers this past Fall relating Kentucky core content and program of studies.

NKCTM now has a number of materials available for checkout to local teachers:

4 TI-84 PLUS Silver Calculators with 2 overheads

1 TI-73 Calculator

1 TI-34 Overhead Calculator

Classroom set of GeoFix Polyhedra materials

16 games of *Set*

9 games of *24*

**Submitted by:**

**Mike Waters**

**NKCTM Representative**

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## Minutes of KCTM Board Meeting

November 18, 2006

Members Present:

<http://www.kctm.org/NewsFeb07.htm>

6/3/2008

Susan Collins	Margaret Taylor	Ann Bartosh	Lori Durham
Gina Foletta	Barbara Jacobs	Kari Ostby	Mike Waters
Billie Travis	Gloria Beswick	Bryson Perry	Beth Noblitt
Amy Herman	Maggie McGatha		

## **Introduction of Current and Incoming Officers, Thank you to Departing Officers, Congratulations**

Gina extended a sincere “thank you” to all the outgoing officers for their many, many years of dedication to KCTM. Barbara made a motion to give all three outgoing officers lifetime memberships. Billie seconded the motion. Motion passed.

Margaret Taylor will be passing the MESA baton to Ann Booth and

Amy Herman will be passing the newsletter responsibilities to Kari Ostby.

Lori Durham has served her 6 years as President-Elect, President, and Past-President.

Susan gave an election report and Gina welcomed our new officers.

President-Elect	Beth Noblitt	NKU
Secretary	Susan Collins	Elizabethtown High School
College VP	Valeria Amburgey	NKU
High School VP	Bryson Perry	Henry Clay High School
Middle School VP	Gloria Beswick	JCPS
Newsletter Editor	Kari Ostby	Carroll County Schools

Since Beth is our current College VP, Gina appointed Valeria Amburgey from NKU to that position for the remainder of the term.

## **Approval of August Minutes**

One correction was made to the August minutes. Ann Bartosh clarified that the ACT national average for students taking Algebra I, Geometry, and Algebra II is 17.9. Kentucky’s average for that same population of students is 16.9

## **Any Additions or Deletions to Agenda**

Maggie added a request from AAMTE to the agenda.

AAMTE (Appalachian American Mathematics Teacher Educators) – an affiliate of AMTE (American Mathematics Teacher Educators) requested a joint conference with KCTM this year. With T<sup>3</sup>, the board feels that it will be better to not do a joint conference with AAMTE this year, but we are interested to discuss this for a future event. We may invite them to be a vendor at this year’s T<sup>3</sup>/KCTM conference.

## **2006 Conference Report**

There were 71 sessions and 72 speakers. There was only one no-show speaker. Lots of comments were heard and passed on to Maggie about how great the conference was. There were approximately 370 attendees. The 2006 MESA banquet was one of the biggest MESA banquets to date.

## **Treasurer’s Report**

### **Review of 2006 Expenses and Income**

Barbara provided a budget handout. As of today, there is \$17,445.23 in checking account. Barbara estimated that there was a \$9900 profit on the conference. Gina will send a Thank You to Scott County for their support of the conference. Gina and Barbara raised the issue of conference registration forms and checks directly to the Treasurer from now on. This would be done for several reasons including safety, checks clearing faster and the treasurer being able to better keep track of money, dues and fees.

Purchase orders were given for \$3000 in conference fees this year. Next year we will stick with a STRICT NO

**PURCHASE ORDER** policy. KCTM loses money because of accepting purchase orders.

Maggie raises the issue of using Activa.com to handle conference registration. There is a flat \$100 fee, plus a fee per registration. The board decided as a group that we were not interested in pursuing this at this time.

### **2007 budget**

A proposed 2007 budget will be prepared by a subcommittee of the treasurer (Barbara), Products (Kathy M), Conference registration chair (Ruth), and the president-elect (Beth). The subcommittee will meet before the February board meeting to discuss the budget and a possible change in the mileage rate.

### **Newsletter Report**

Amy requested that articles be turned in by Monday, November 20th for the next newsletter.

### **KDE Report**

Ann thanked the board for honoring the Presidential Awardees at MESA. Ann discussed several items:

-There is a statewide STEM task force forming.

-At December board meeting, there will be a report on Math Initiatives, Focal Points, and how it aligns with Program of Studies.

-Teaching and Learning Conference is coming up.

-Visit paemst.org to nominate for presidential awards for teachers grades 7-12.

-Ann brought everyone a folder and CD from the Mathematics Summit, Diagnostic Assessment

-Ann brought the Blueprint, KY HS graduation requirements, and combined curriculum document.

-WKU Academy for Math and Science for high school students to be held in August 2007. Visit [wku.edu/academy](http://wku.edu/academy).

-There are 45 Math Intervention grants (primary) open through December 17 or 18. \$75,000 for first year and \$60,000 for second year.

-I Can Learn, Carnegie, and America's Choice are being piloted and researched in middle grades in locations across the state.

### **Conference 2007**

Ruth Casey, Margaret Taylor, Tonya Hancock, and Peggy Welch met on November 3, 2006 to discuss the upcoming conference. Bryson Perry presented a PowerPoint and distributed 3 handouts to update the board on the progress.

The conference will be held October 19-20 at Henry Clay High School.

The board approved the theme "Racing Ahead in Math, Science, and Technology."

The Keynote speaker will be Melendy Lovett (President of the Education Division of TI)

TI will pay all of Melendy's expenses. The keynote address will be 85 minutes (9:30-10:55 on Saturday)

The following committees were discussed:

Site Chair – Bryson Perry

Conference and Program Co-Chairs – Beth Noblitt and Bryson Perry

Registration and Exhibits – Ruth Casey

MESA – Margaret Taylor and Ann Booth

Equipment Co-Chairs – Rene Goin and Ronni Talent (Henry Clay HS)

Student Volunteers – Kate Johnson (Henry Clay HS)

Science Chair – Peggy Welch

Exhibits will be set up in the glass corridors connecting the two buildings from Friday at noon to end of day on Saturday.

Door Prizes will be given away at the end of **each** day.

TI will be giving us \$6,000 to defray the cost of the conference with the following bonus options:

300-400.....\$1,000

400-500.....\$2,000

500+.....\$3,000

A \$1,000 bonus will also be given for 15 or more exhibitors/vendors

August 15, 2007 is the speaker deadline. Bryson is in charge of the conference website and will be receiving the speaker forms.

September 15, 2007 is the registration deadline.

The board recommended a \$60 registration fee for 2 days and \$30 for 1 day with lunch included in the price)

Margaret made a motion to use the \$6,000 for publicity, more food, and speaker expenses for the "TI Regional Conference Speakers". This will be about 10 people. Discussion followed, more clarification from Ruth was requested, no decision was made.

The MESA banquet will be at the Holiday Inn North (EXIT 113 Newtown Pike)

There will be a minimum \$1500 fee by the hotel for up to 150 people.

Margaret will be signing a contract next week. \$20 per person was agreed upon.

Maggie made the motion; Barbara seconded the motion and the board approved.

### **Board Meeting Dates for 2007**

February 10 – Gheens

May 5 – Henry Clay HS in Lexington

August 18 – Gheens

November 17 – Gheens

#### **Submitted by:**

**Susan Collins**

**KCTM Secretary**

**WKCTM Representative**

[susan.collins@etown.kyschools.us](mailto:susan.collins@etown.kyschools.us)

## **Minutes of KCTM Board Meeting**

February 10, 2007

#### **Members Present:**

Susan Collins

Bryson Perry

Gina Foletta

Maggie McGatha

Kathy Montgomery

Kari Ostby

Beth Noblitt

Barbara Jacobs

Valeria Amburgey

Gloria Beswick

Ann Bartosh

Margaret Taylor

Amy Herman

### **Approval of November Minutes**

One change was made to the last page - the board recommended a \$60 registration fee for 2 days and **\$45 for one day** (instead of \$30)

Barbara made a motion to accept the minutes. Gina seconded the motion. Motion passed.

### **Changes to Agenda**

No changes were made to the agenda.

### **Review of New Board Members' Responsibilities**

President-Elect

Beth Noblitt

NKU

Secretary

Susan Collins

Elizabethtown High School

College VP

Valeria Amburgey

NKU

High School VP

Bryson Perry

Henry Clay High School

Middle School VP

Gloria Beswick

JCPS

Newsletter Editor

Kari Ostby

Carroll County Schools

Maggie passed out responsibility sheets for each office.  
 Bryson, Gloria and Kari do not have a copy of the policy manual.  
 Maggie will send them a copy electronically sometime this week.

For the May meeting we are all to read over the by-laws and the policy manual and bring to the next meeting changes that need to be addressed.

### **Treasurer's Report – Barb Jacobs**

A handout of the final KCTM 2006 Budget was distributed.  
 Ending balance- Dec 31, 2006 -\$20,926.33

Barbara opened a savings account and transferred \$20,000 to savings  
 On January 27<sup>th</sup> Beth and Barbara met and completed a proposed budget for 2007.

The IRS says organizations whose annual gross receipts are **normally** less than \$25,000 are not required to file an annual return. We were over \$20,000 this year and will probably be over next year, but if you take a 5-year average, we should be okay.

New products expenses were increased to \$2000 (for this year only)  
 We need to consider a masculine product design this time.  
 We also need a new slogan geared toward elementary.

Affiliate Leadership Conference expenses increased to \$1000 (for this year only)  
 Changing the policy will be discussed in May.

Board travel increased to \$0.40 a mile.

NCTM affiliate dues were increased to \$300 (due to an increase in membership)  
 Beth will e-mail Ruth and find the latest membership numbers.  
 Maggie plans to contact NCTM to find out why the dues bill has not been sent out yet.

\$400 for Newsletter expenses was added to the budget.

Conference registration expenses have been changed to two lines and increased \$200. (\$400 stipend to Ruth and \$600 for mailing expenses) Ruth's stipend will be discussed further in May during the policy manual discussion.

Participant's materials increased to \$15 per participant (total increased to \$8550) in order to increase the quality of the bag this year.

MESA banquet increased to \$1500

The adjusted total for the proposed 2007 budget expenses is now \$34,220.  
 The adjusted total for the proposed 2007 budget income is now \$47,950.

Gina made a motion to accept all changes to the budget. Gloria seconded the motion. Motion passed.

### **Newsletter Report – Kari Ostby**

For the next calendar year, the newsletter will stay as is. Post cards will go out for the May and November newsletters. Kari does not have a lot of information for the February newsletter and needs more. Deadline will be this Friday, February 16.

### **KDE Report – Ann Bartosh**

Ann shared handouts explaining the “Opportunity Knocks” program sponsored by the US Department of Education (for 5<sup>th</sup> or 8<sup>th</sup> grade math teachers) and the Kentucky Aviation Teacher Institutes provided by the Kentucky Department of Aviation.

During the summer of 2008, mathematics textbook adoption material will be examined. New mathematics textbooks will be adopted for the 2009-2010 school year.

Bill Bush was honored for his service to mathematics recently at AMTE..

There may be up to \$7 million in the intervention achievement fund.  
We have 90 people now and hopefully will be adding 100 more.  
Gary Palmer will have more specifics in mid-April.

Lee Todd has been named to lead the STEM taskforce.

The Presidential Award this year will be for grades 7-12 and Ann was pleased with the quality of the candidates that have been nominated to date.

Ann recently returned from a meeting on the National Math Curriculum. NCTM, Pearson and the ACT Collegeboard were all in attendance at the meeting.

The CATS reference sheets have been revised for 7<sup>th</sup>, 8<sup>th</sup> and high school and are currently available on the web. The 7<sup>th</sup> grade sheet initially contained an error, but has been corrected now.

## 2007 Conference Report – Bryson Perry & Beth Noblitt

Maggie shared a handout to clarify the Conference Chairs.

Conference Co-chairs – Bryson Perry and Beth Noblitt  
Program Co-Chairs – Beth Noblitt, Gina Foletta, and Bryson Perry  
Registration Chair – Ruth Casey  
Site Coordinator – Bryson Perry  
Vendor Chair – Ruth Casey  
MESA Awards Chair – Ann Booth  
MESA site-chair – Margaret Taylor

The 2007 Conference Registration Form was edited and finalized.  
Conference time 8:00 to 4:00 EST      Registration deadline is September 30.  
**Early Bird** registration before Sept 15.

From the draft copy that Beth shared, we removed the line containing complimentary 1-year membership in KCTM and changed Speaker registration waived to **Primary** speaker registration waived.

TI has requested that Pre-service teachers attend free if they pre-register before Sept 15.

The MESA/T<sup>3</sup> banquet ticket price is \$20.

Conference registration needs to be postmarked Sept 15-Sept 30

Pre-service student registration needs to have added (**student** ID required)

The 2007 Speaker Proposal Form was edited and finalized

The skeleton form adopted was the T<sup>3</sup> regional speaker proposal form

Under session type - minutes will be changed to 55 minutes (AM) or 85 minutes (PM)

“None” will be added as a technology focus and a paragraph about welcoming all sessions will be added.

The “TI inspire” calculator sessions will be limited to 30 participants each

Add – only **primary** presenter registration fee waived.

Add - Do you have a Friday or Saturday preference?

KCTM News February 2007

Change levels to (K-3), (3-6), (5-9), (9-12), (college) and (general)

Please return to Bryson Perry

Add - All speakers must register

Bryson and Beth will edit the speaker and registration forms, get them to the board for approval ,and then get them posted on-line.

T<sup>3</sup> certified presenters will receive free lodging at the site.

**Reminder of 2007 Meeting Dates**

May 5 – Henry Clay High School at **9:00**

August 18 – Gheens Academy

November 17 – Gheens Academy

**Other**

A committee of Valeria, Amy, and Gina was formed to investigate membership benefits.

**Submitted by:**

**Susan Collins**

**KCTM Secretary**

**WKCTM Representative**

[susan.collins@etown.kyschools.us](mailto:susan.collins@etown.kyschools.us)